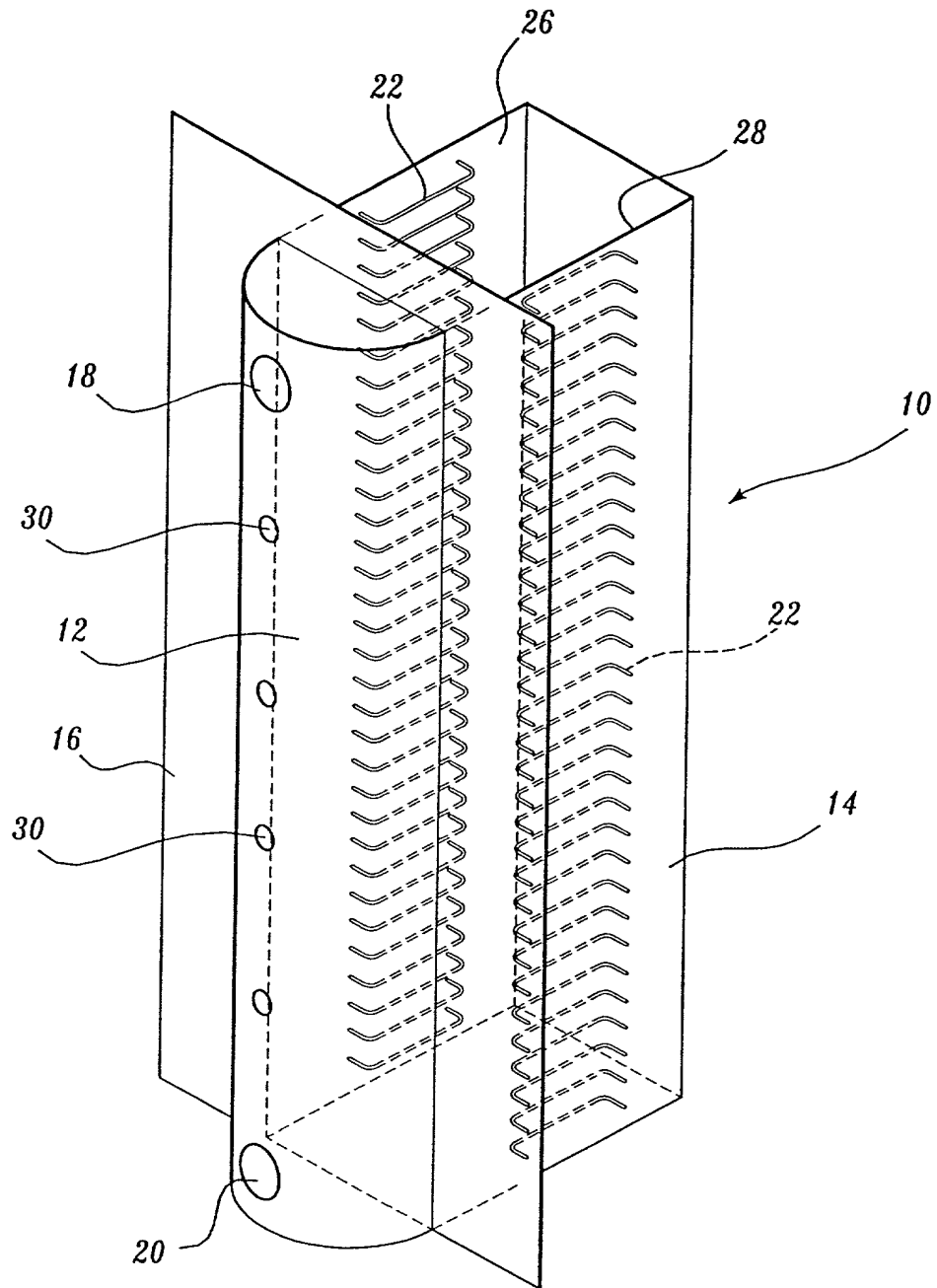
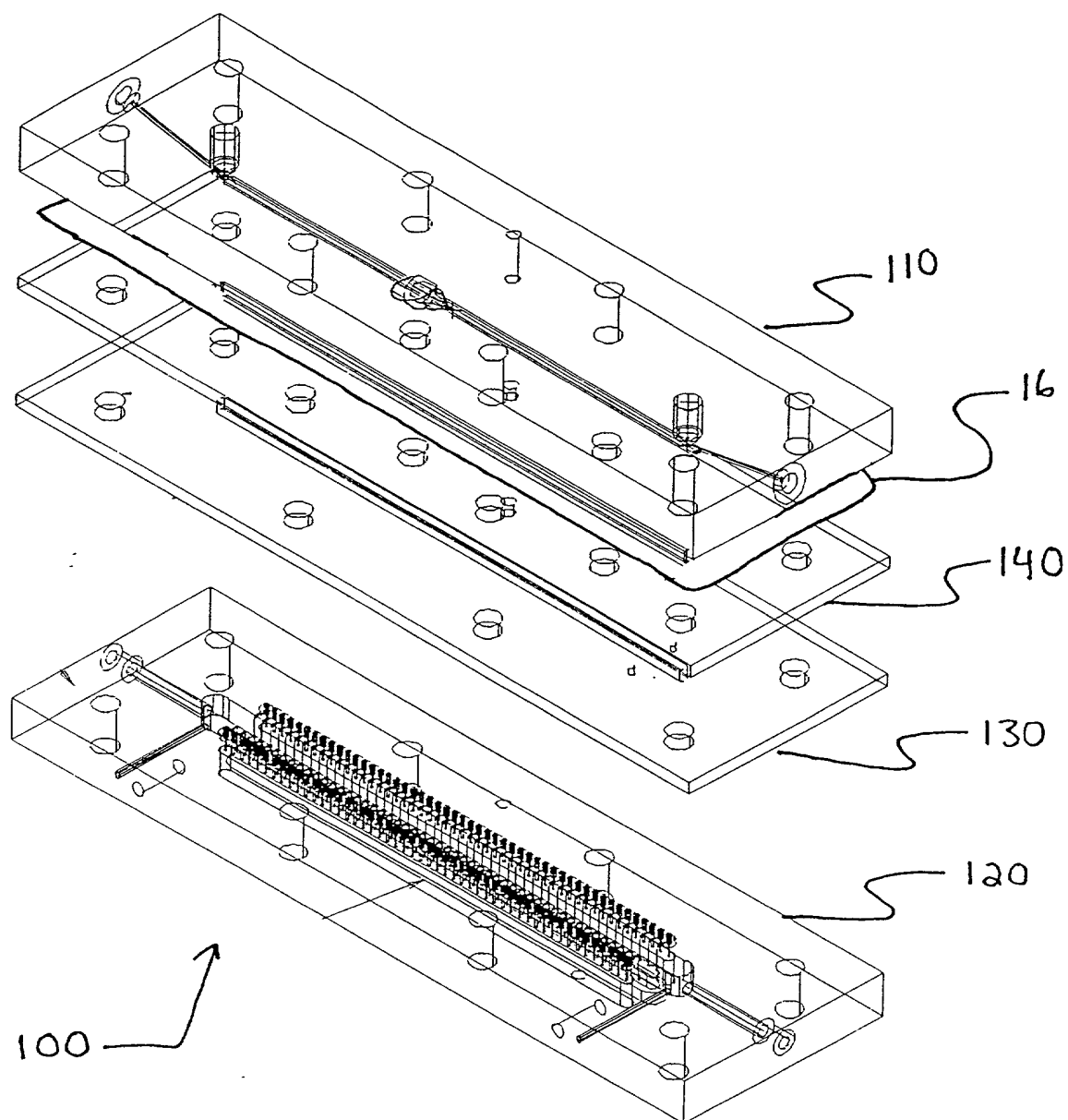
*Fig. 1.*

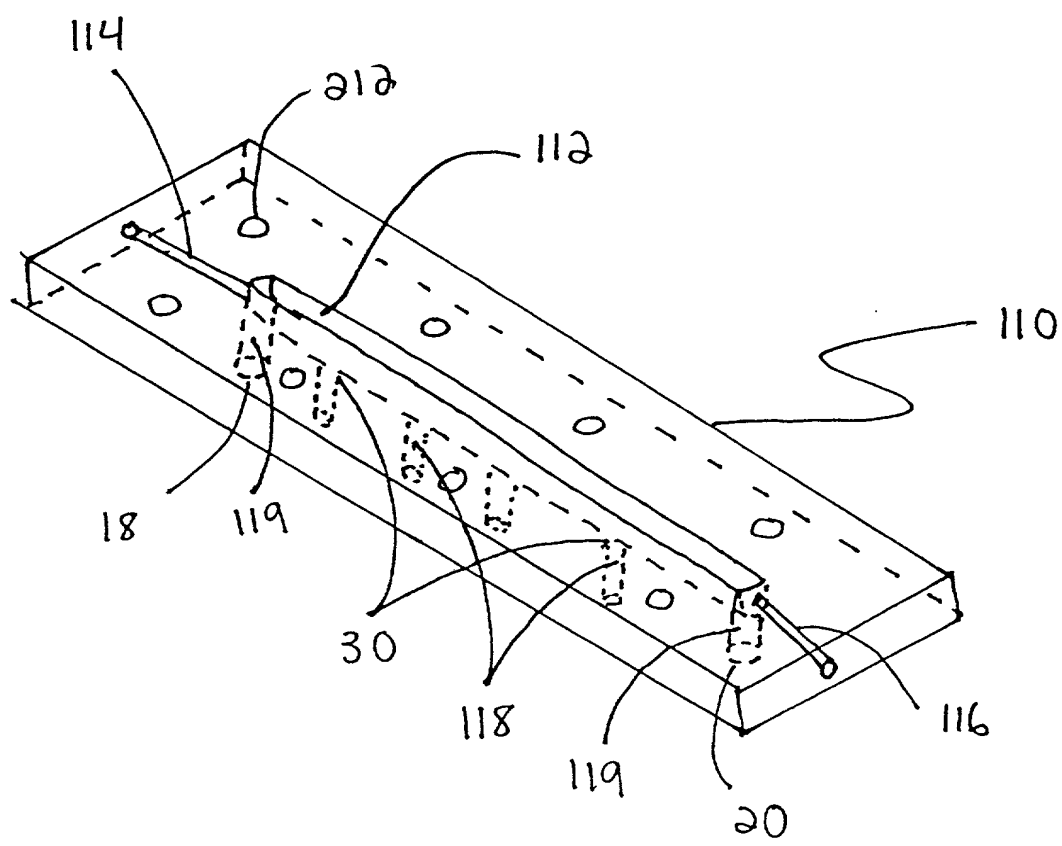
*Fig. 2.*



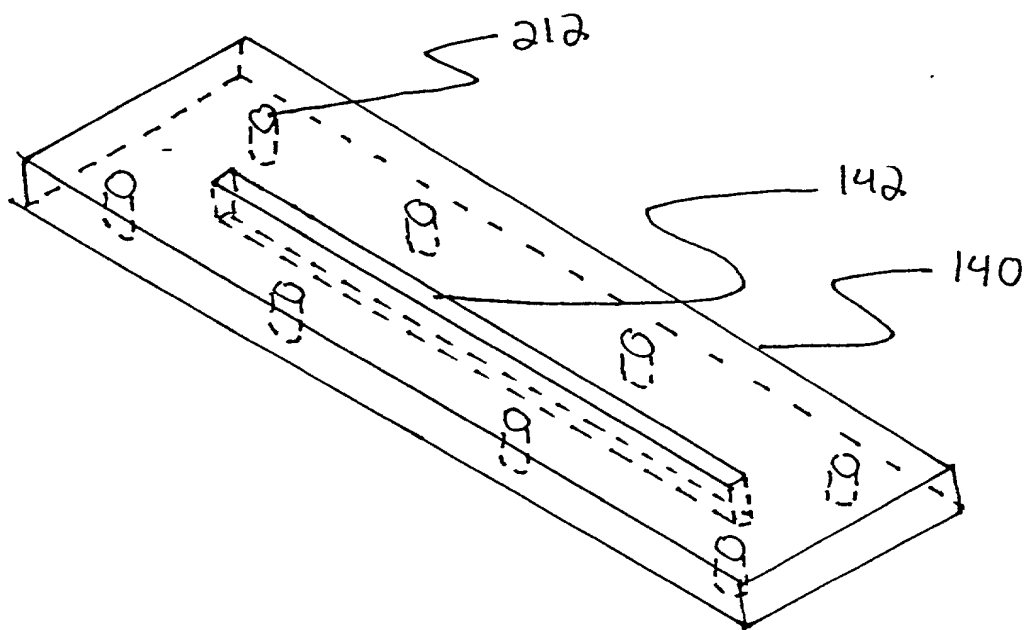
**Table 1.** Mean values of the variables measured during the three trials

	Pretest	Trial 1	Trial 2	Trial 3
Time (min)	60.7 ± 1.9	60.8 ± 1.9	60.8 ± 1.9	60.8 ± 1.9
Distance (km)	10.0 ± 0.1	10.0 ± 0.1	10.0 ± 0.1	10.0 ± 0.1
Speed (km/h)	19.8 ± 0.2	19.8 ± 0.2	19.8 ± 0.2	19.8 ± 0.2
Heart rate (beats/min)	150 ± 3	150 ± 3	150 ± 3	150 ± 3
Oxygen consumption (l/min)	3.5 ± 0.1	3.5 ± 0.1	3.5 ± 0.1	3.5 ± 0.1
Energy expenditure (kcal/min)	1.2 ± 0.1	1.2 ± 0.1	1.2 ± 0.1	1.2 ± 0.1
Lactate concentration (mmol/L)	1.5 ± 0.1	1.5 ± 0.1	1.5 ± 0.1	1.5 ± 0.1
Blood glucose concentration (mg/dL)	80 ± 5	80 ± 5	80 ± 5	80 ± 5
Rating of perceived exertion (RPE)	12 ± 1	12 ± 1	12 ± 1	12 ± 1
Rating of perceived fatigue (RPF)	10 ± 1	10 ± 1	10 ± 1	10 ± 1
Rating of perceived hunger (RPH)	8 ± 1	8 ± 1	8 ± 1	8 ± 1
Rating of perceived thirst (RPT)	6 ± 1	6 ± 1	6 ± 1	6 ± 1
Rating of perceived dryness (RPD)	4 ± 1	4 ± 1	4 ± 1	4 ± 1
Rating of perceived heat (RPHt)	2 ± 1	2 ± 1	2 ± 1	2 ± 1
Rating of perceived cold (RPCd)	1 ± 1	1 ± 1	1 ± 1	1 ± 1
Rating of perceived discomfort (RPDc)	3 ± 1	3 ± 1	3 ± 1	3 ± 1
Rating of perceived pleasantness (RPPn)	5 ± 1	5 ± 1	5 ± 1	5 ± 1
Rating of perceived unpleasantness (RPUn)	7 ± 1	7 ± 1	7 ± 1	7 ± 1
Rating of perceived overall comfort (RPOC)	4 ± 1	4 ± 1	4 ± 1	4 ± 1
Rating of perceived overall discomfort (RPOD)	6 ± 1	6 ± 1	6 ± 1	6 ± 1
Rating of perceived overall pleasantness (RPOPn)	5 ± 1	5 ± 1	5 ± 1	5 ± 1
Rating of perceived overall unpleasantness (RPOUn)	7 ± 1	7 ± 1	7 ± 1	7 ± 1
Rating of perceived overall comfort/discomfort (RPOCD)	4 ± 1	4 ± 1	4 ± 1	4 ± 1
Rating of perceived overall pleasant/unpleasantness (RPOUPn)	5 ± 1	5 ± 1	5 ± 1	5 ± 1
Rating of perceived overall pleasant/unpleasantness/discomfort (RPOUPnD)	5 ± 1	5 ± 1	5 ± 1	5 ± 1
Rating of perceived overall pleasant/unpleasantness/discomfort/pleasantness (RPOUPnDn)	5 ± 1	5 ± 1	5 ± 1	5 ± 1
Rating of perceived overall pleasant/unpleasantness/discomfort/pleasantness/unpleasantness (RPOUPnDnUn)	5 ± 1	5 ± 1	5 ± 1	5 ± 1

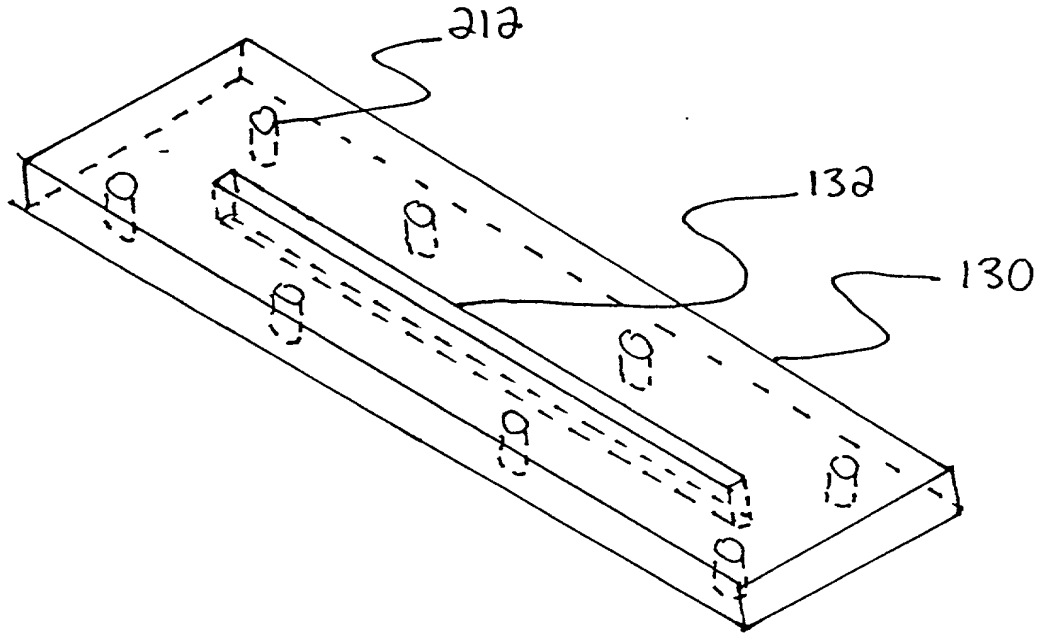
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3B

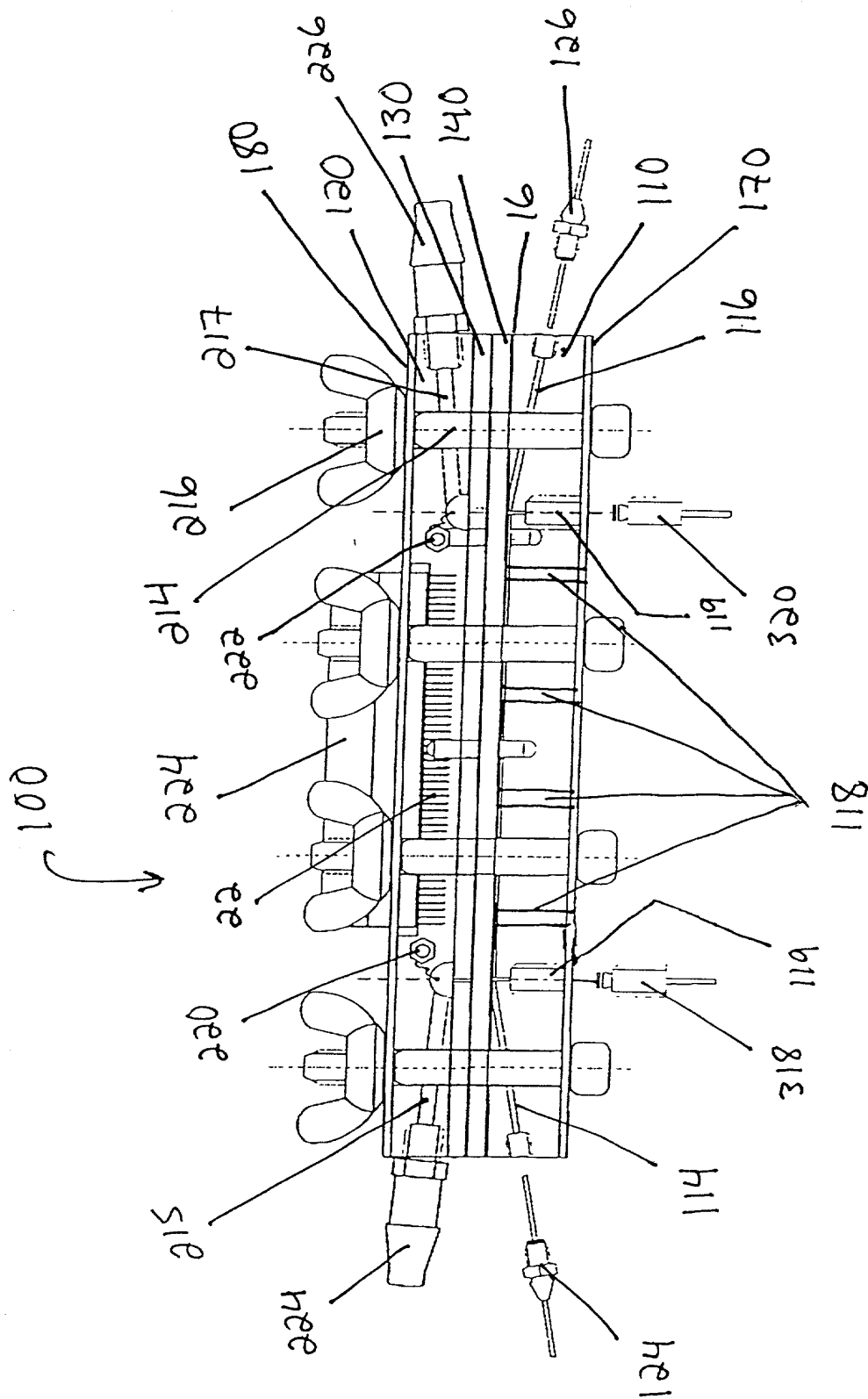


3C



3D

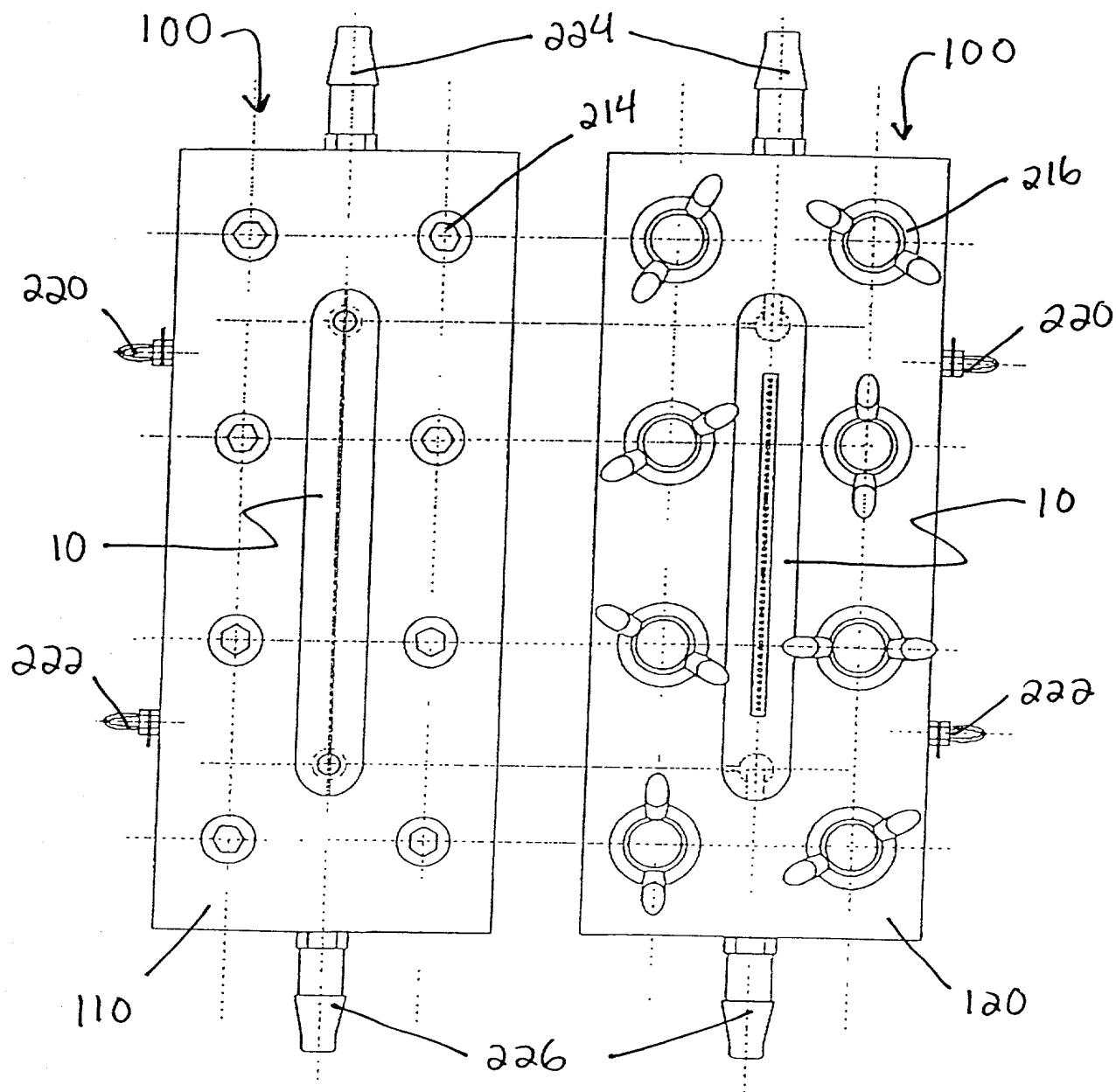




4

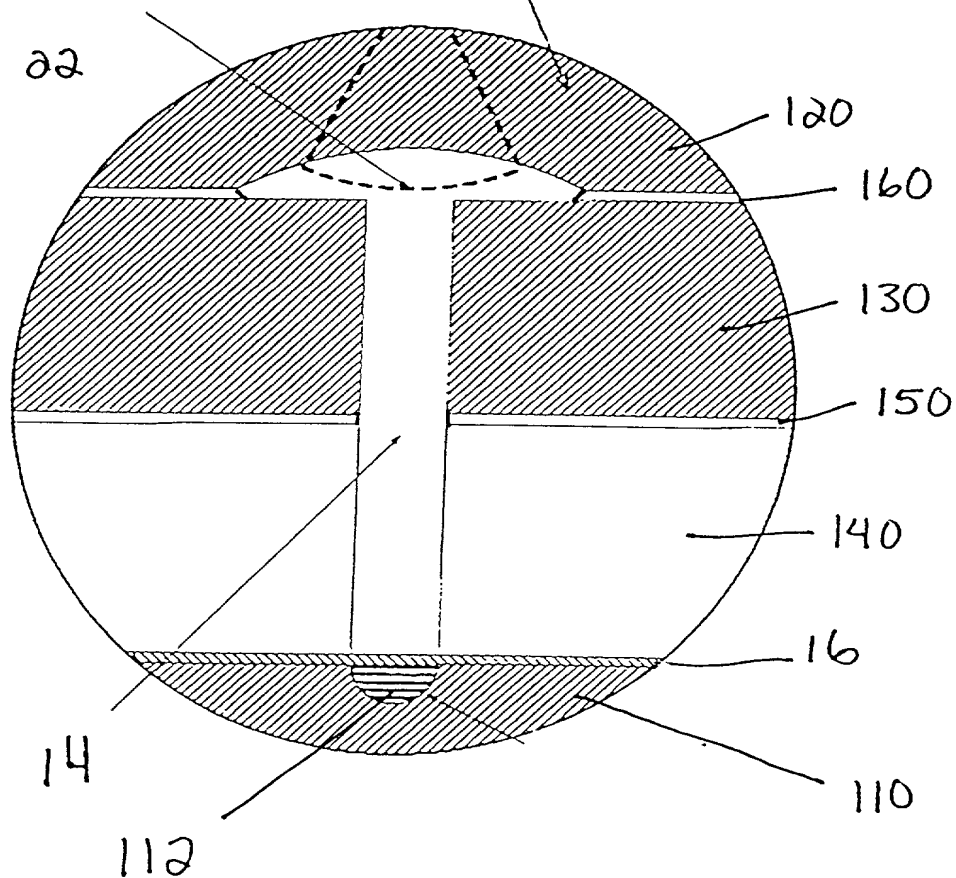
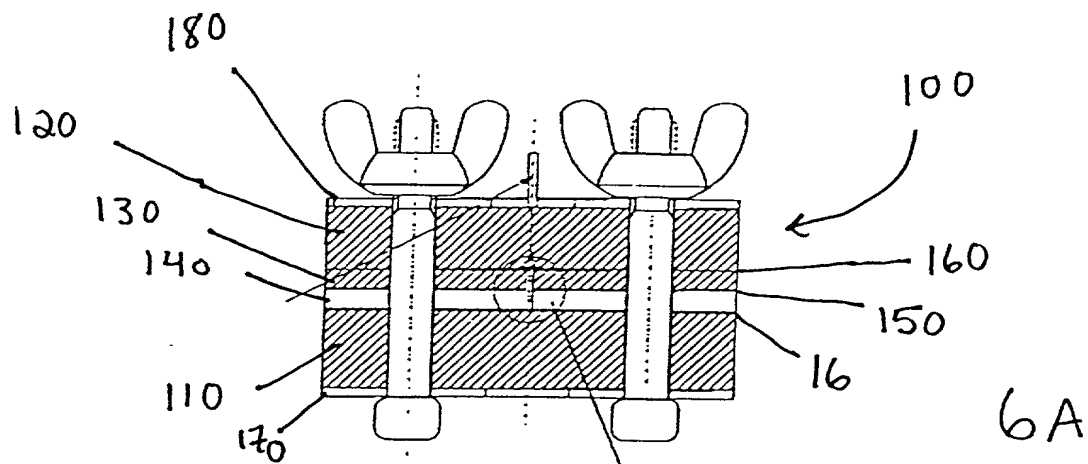


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5A

5B



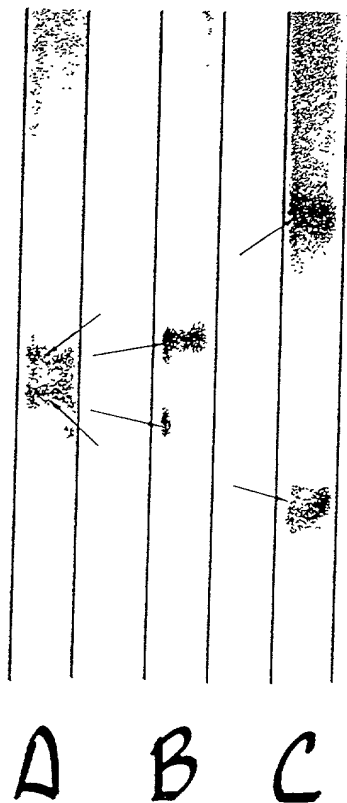
6B

Figure 1 displays four thin layer chromatograms (A, B, C, D) showing the separation of compounds. The chromatograms are labeled with the following compounds and their positions:

- A:** PE (top band), con (bottom band).
- B:** PC (top band), con (bottom band).
- C:** CA (top band), con (bottom band).
- D:** CA (top band), PE (second band), PC (third band), con (fourth band), con (fifth band), MYO (bottom band).

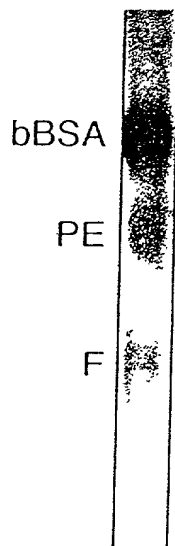
7

696343-0343660

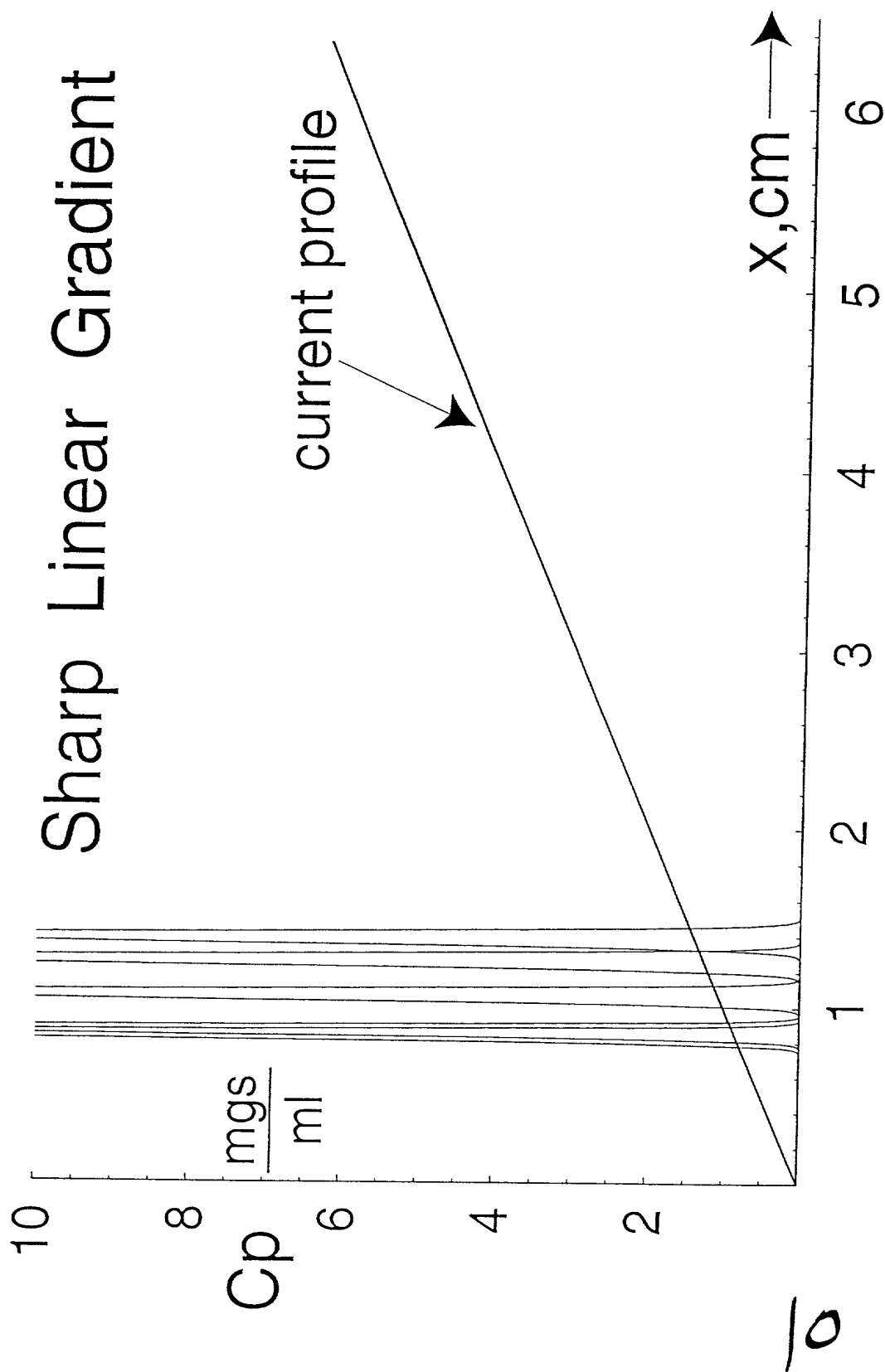


8

09035439.064504



1967-99 62453063





Step Gradient

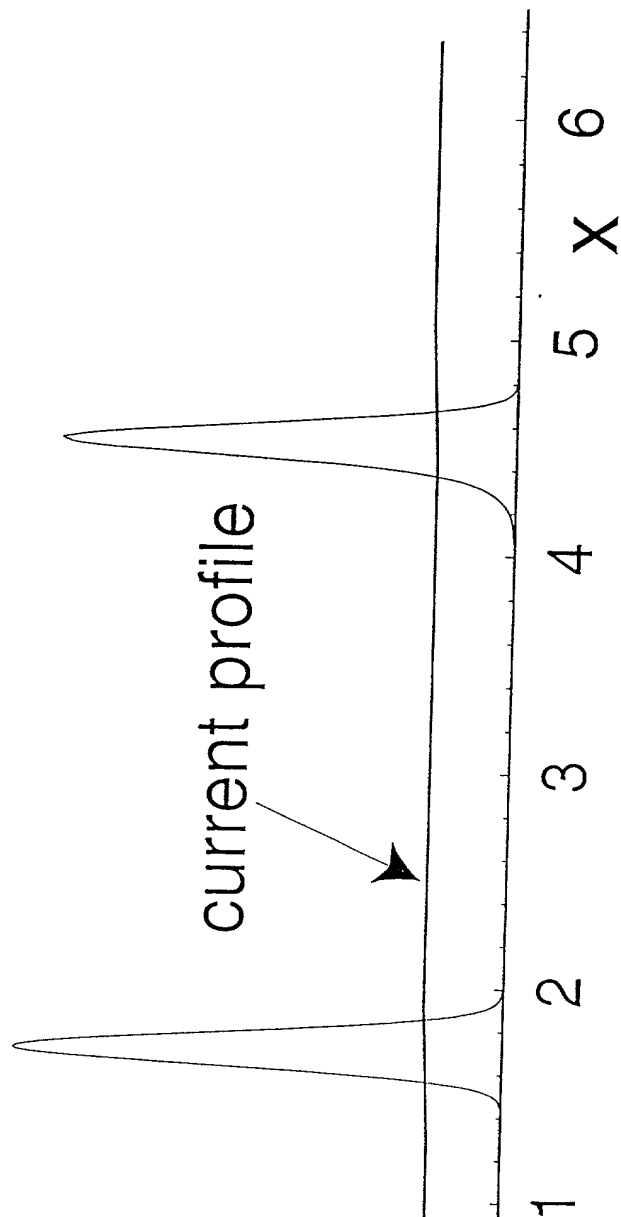
fastest two peaks retained  
after slower peaks eluted

current profile

Cp

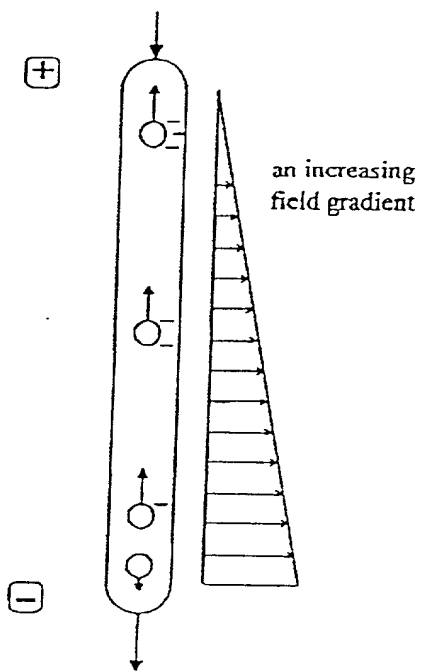
mgs/ml

X

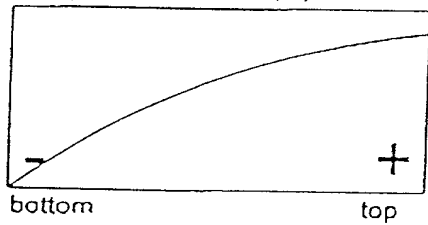


12

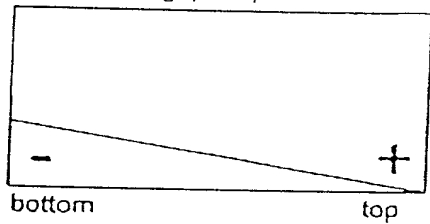




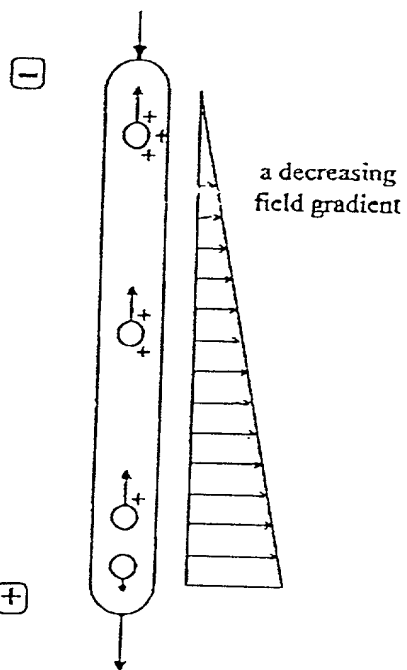
$V$  (potential on electrodes, V)



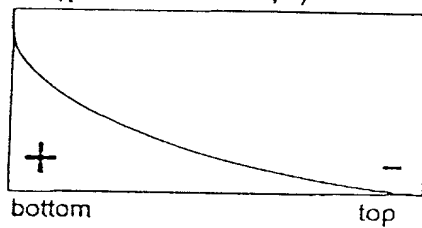
$E$  (field strength, V/cm)



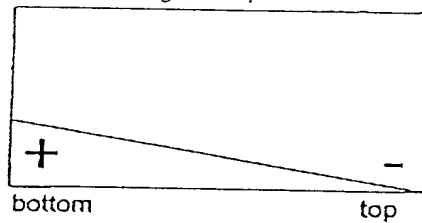
(a)



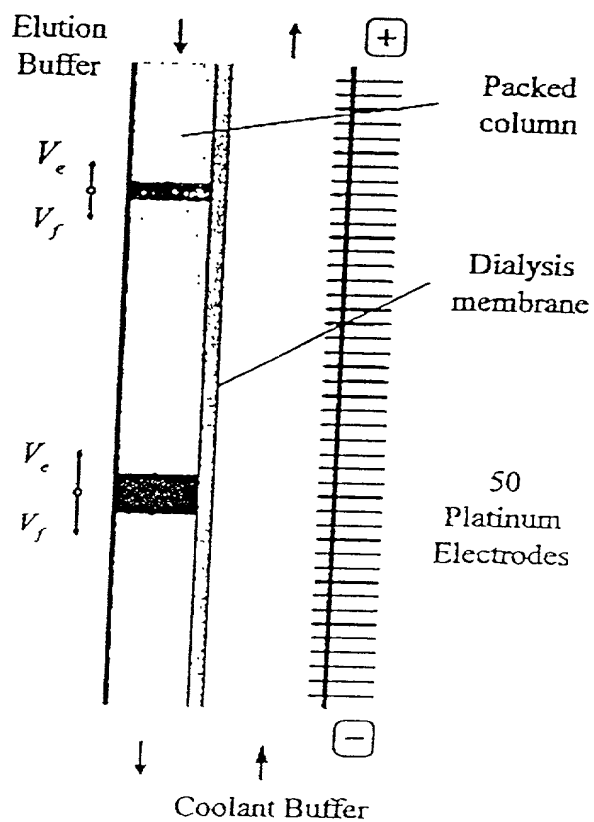
$V$  (potential on electrodes, V)



$E$  (field strength, V/cm)



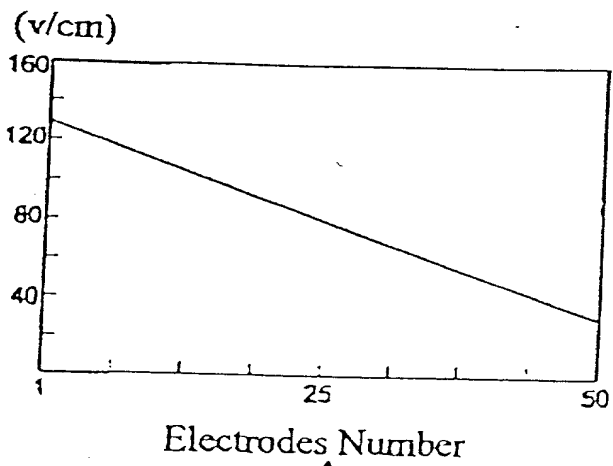
(b)



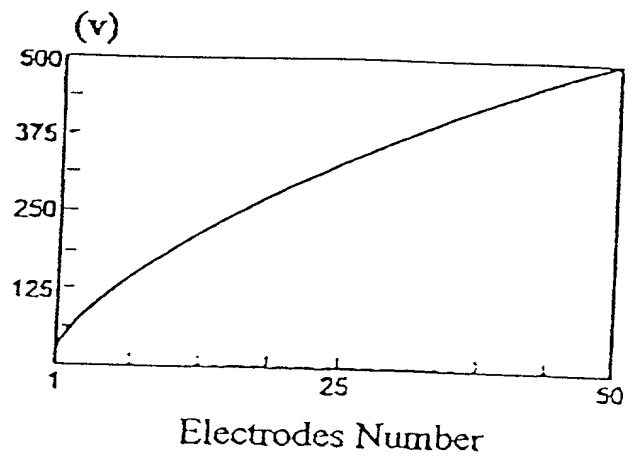
$V_f$  Migration rate with elution buffer

$V_e$  Migration rate of electrophoresis

$V_f = V_f$  At equilibrium zone

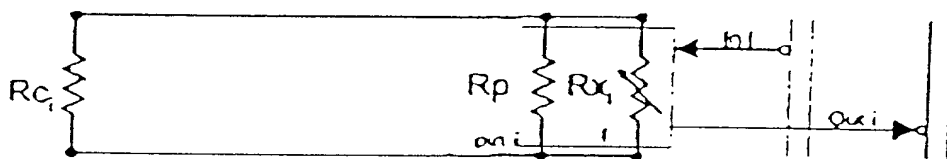
[illegible]

A

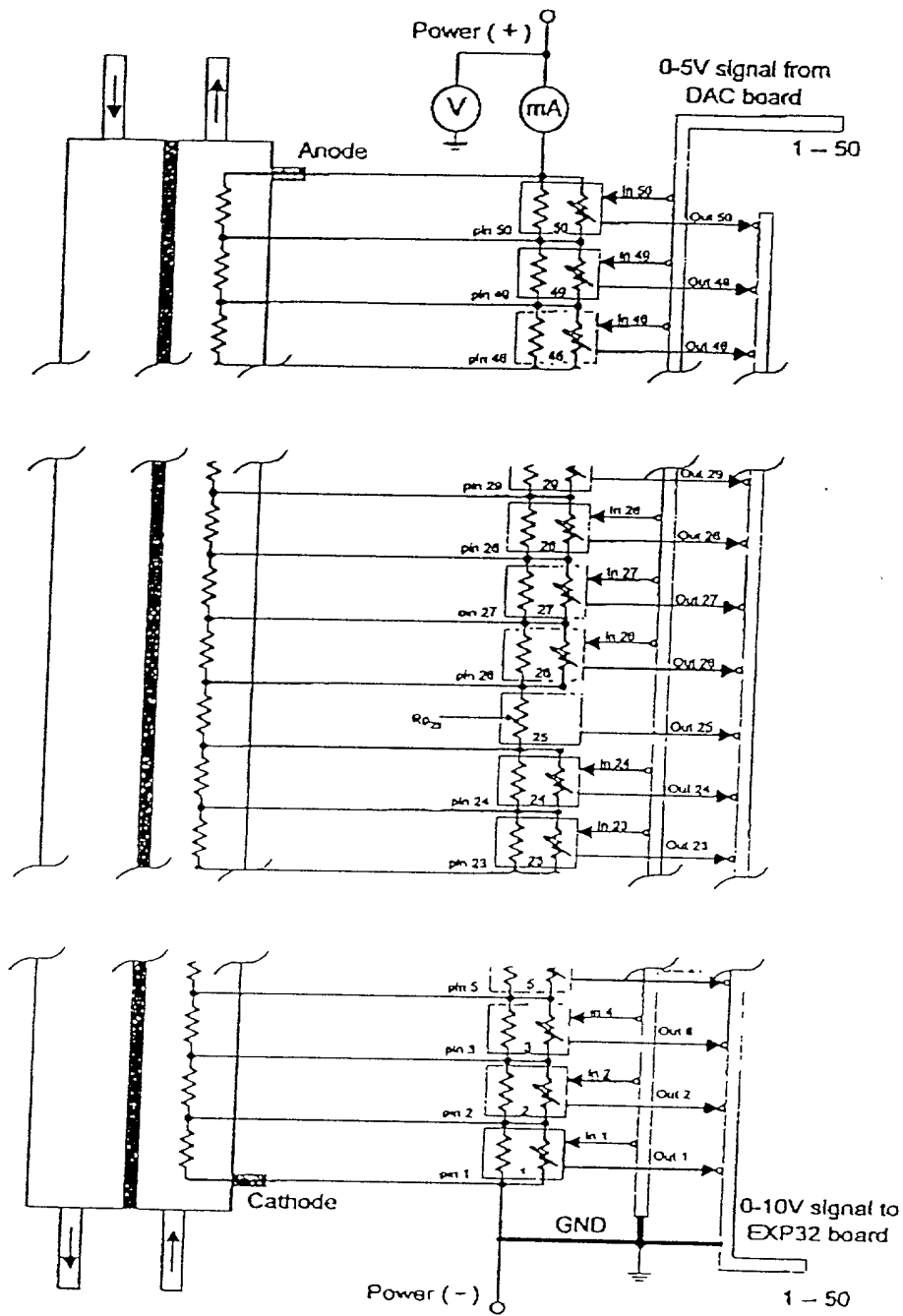


B

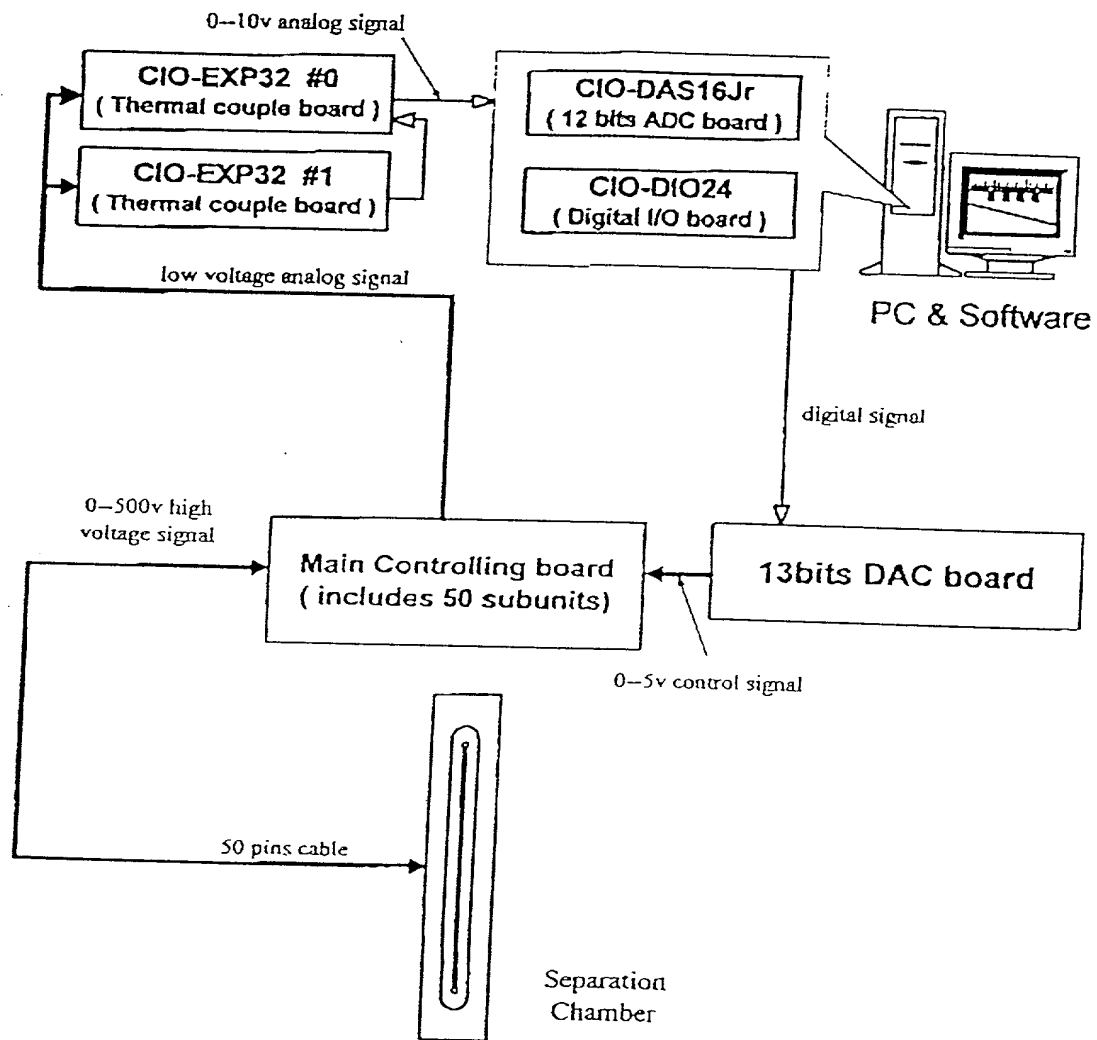
15

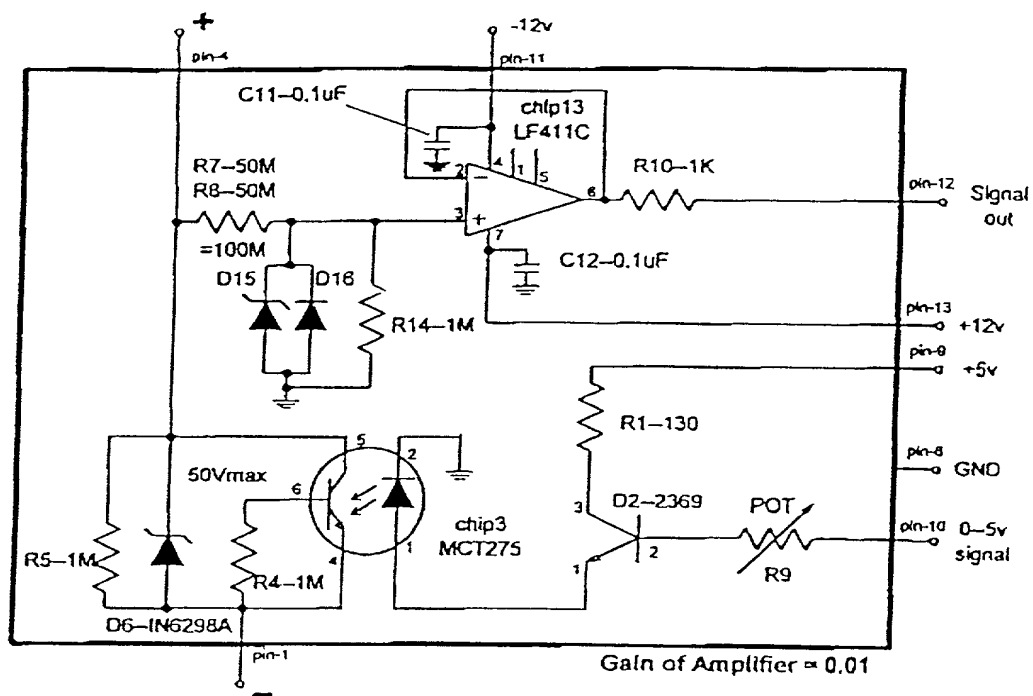


16



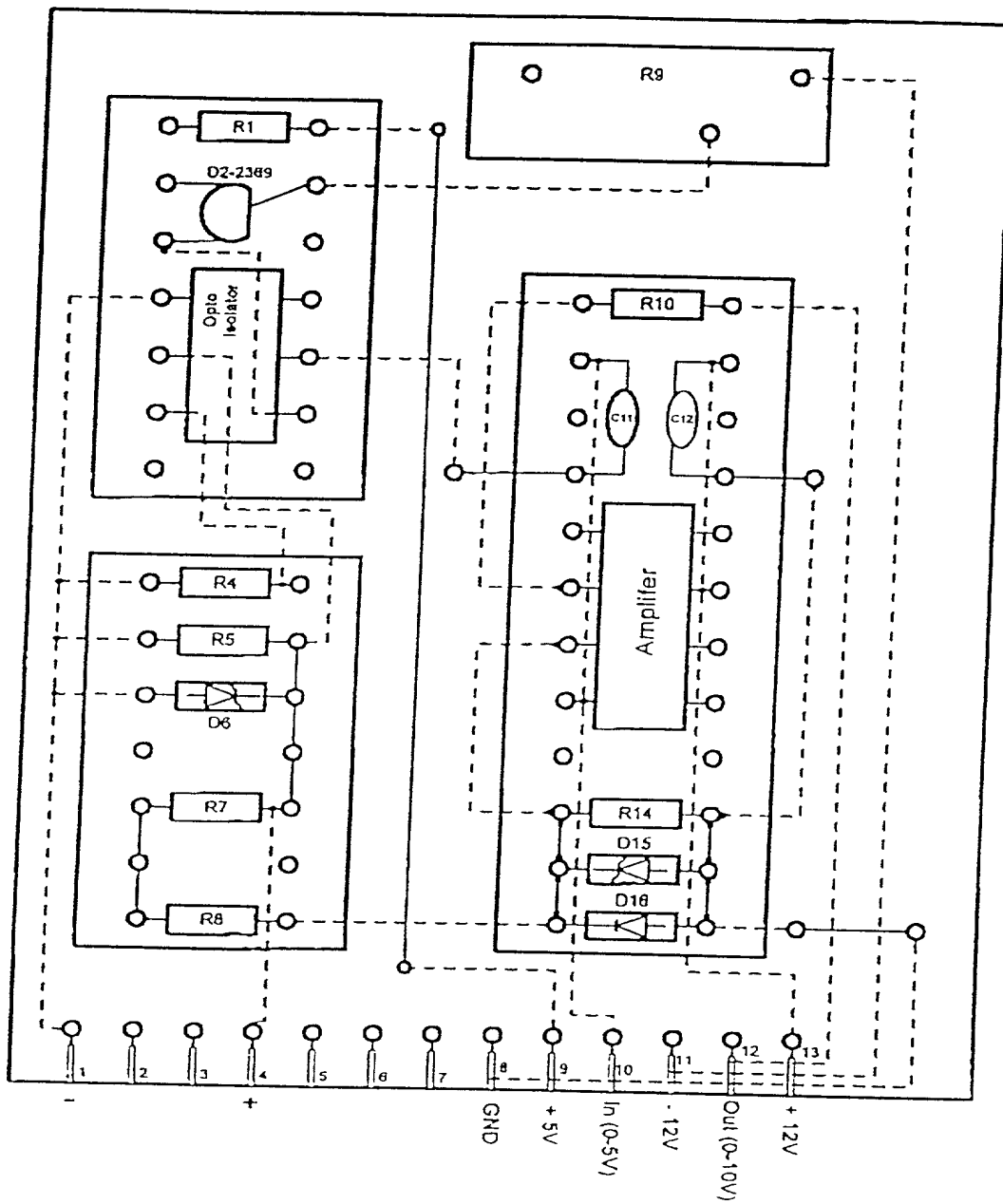
17





19

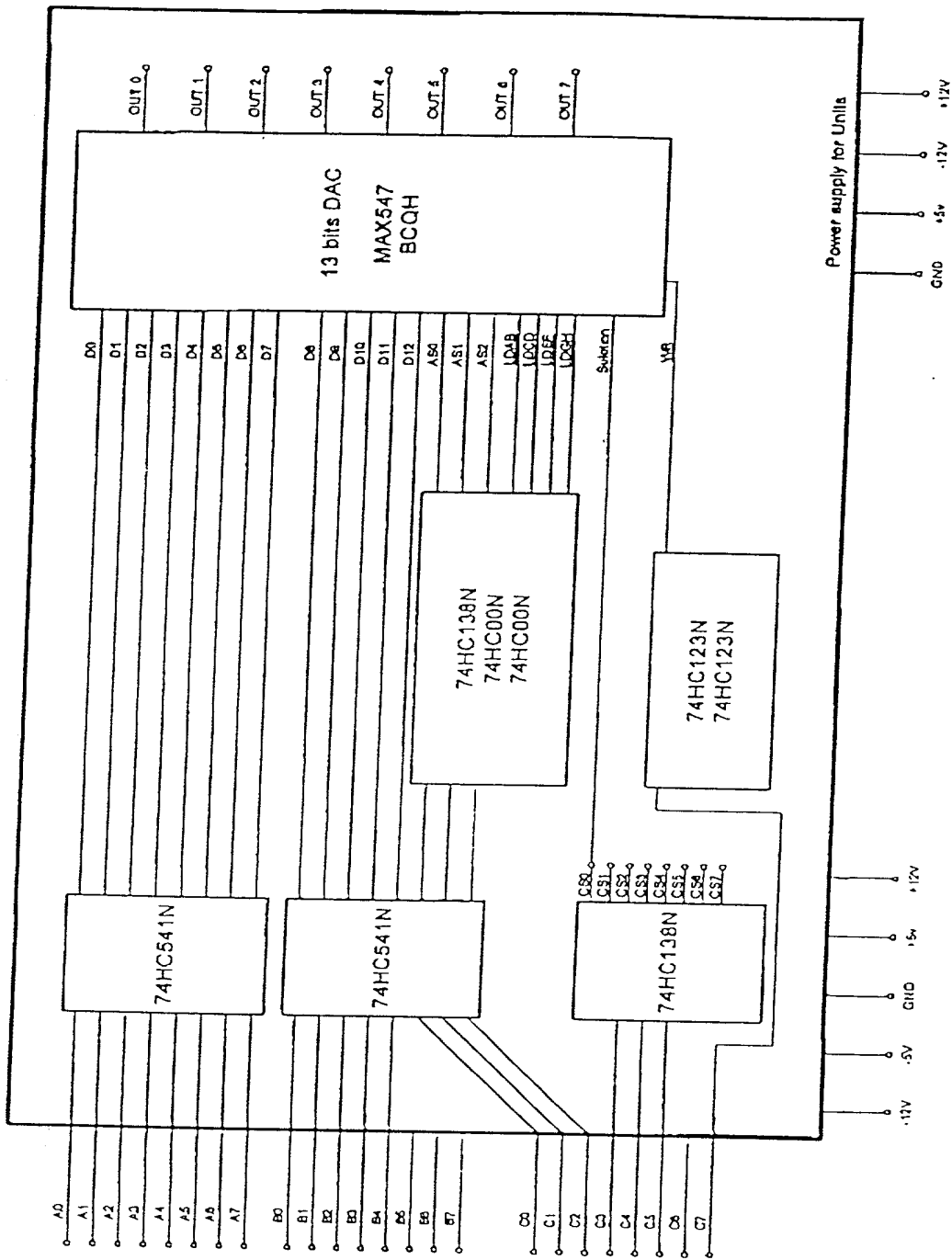
0903439, 064504



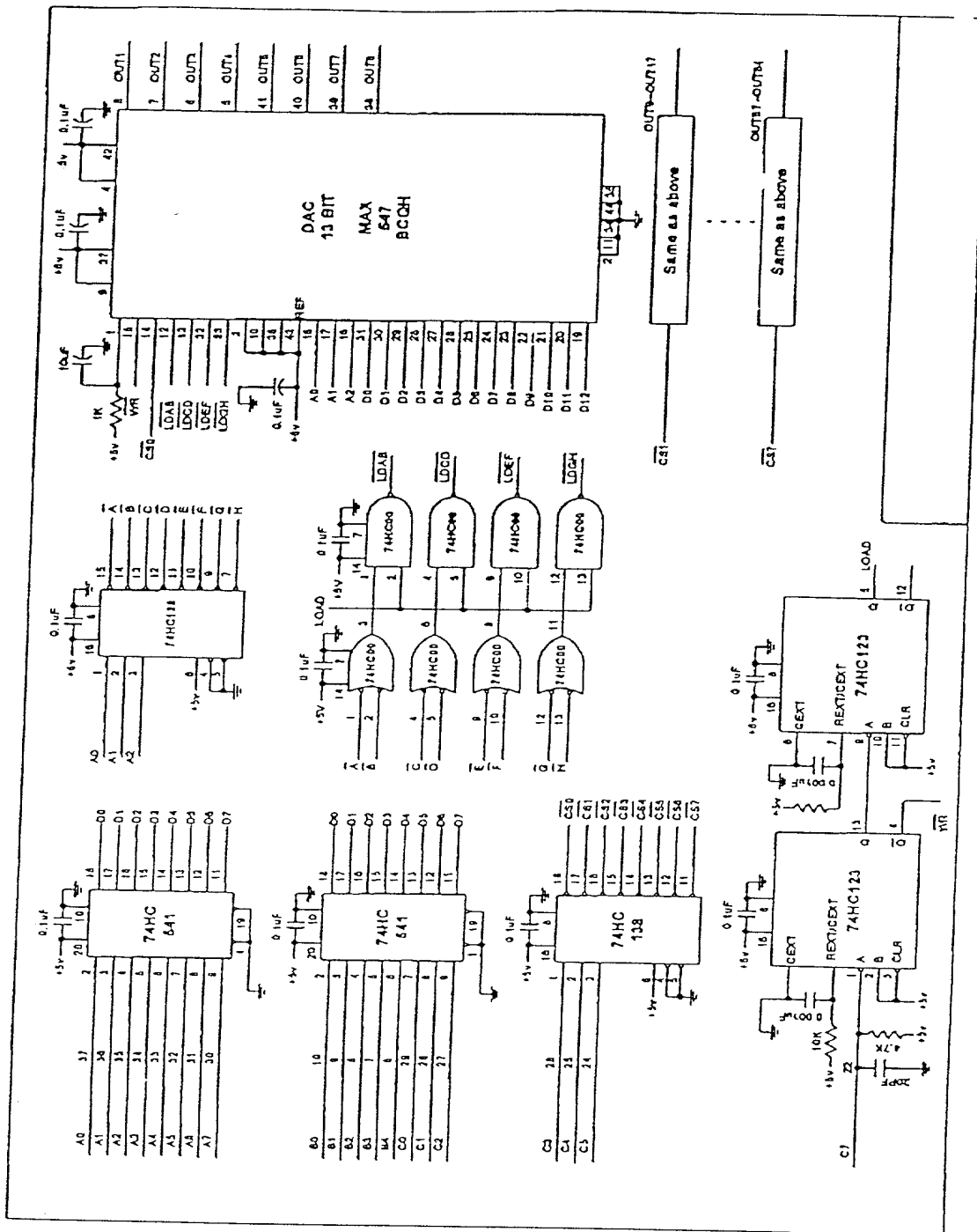
20



TOP SECRET

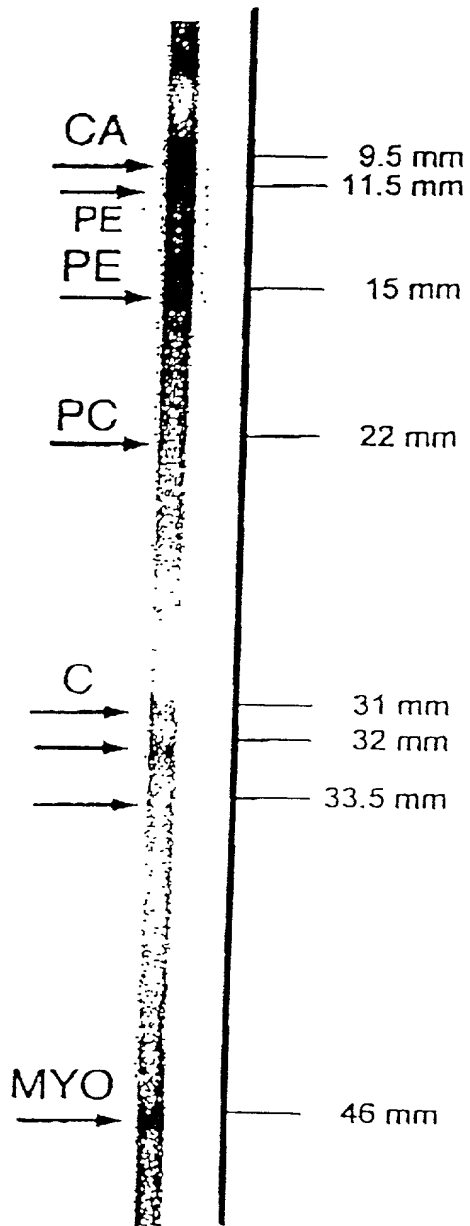


21

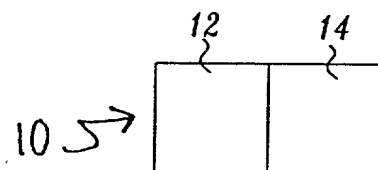
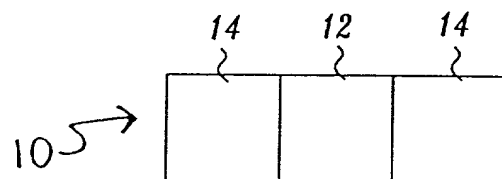
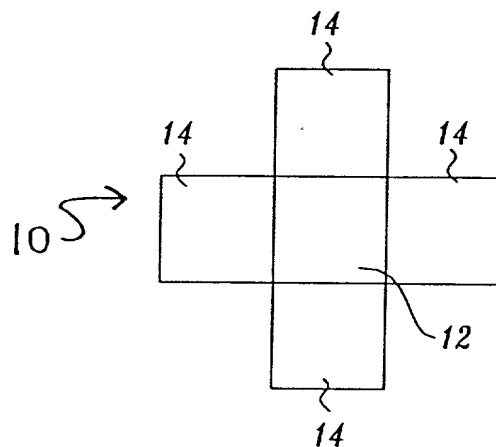


23

098849.001504



24

*Fig. 25A.**Fig. 25B.**Fig. 25C.*